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COLE/ * Q56 92-024501/03 * WO 9119-906-A
Gaseous fluid aspirator or pump - comprises housing and impeller
where impeller turns fluid flow through flow separation and
turbulence is prevented by housing shape

COLE M T 19.06.90-AU-000709

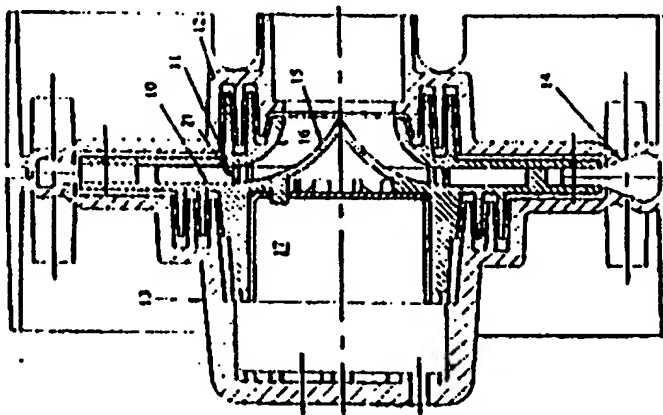
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19.06.91 as AU0261 (1737JT) (E) SU-382849 US2827261 GB1043168
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LU NL SE)

The apparatus includes a curved blade impeller (910) with radially
extending blades. The impeller is mounted in a housing (16) with
gaseous fluid inlet (15) and outlet (14). The impeller changes the
axial flow or fluid into a radial flow.

A portion of the housing is curvate conical shaped to prevent flow
separation and turbulence in the gaseous fluid stream whilst under
influence of the impeller turning the fluid flow through an angle of 90
deg. acceleration and deceleration of the fluid flow being prevented.

USE - Smoke detector apparatus. (19pp Dwg.No.1/10)
N92-018651



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